

US ARMY ENGINEER DISTRICT, SACRAMENTO
CORPS OF ENGINEERS
SACRAMENTO, CALIFORNIA

SPK-02452
May 85
Revised Apr 89

TO: Architect-Engineers and District Personnel:

1. The attached revised guide specification supercedes the previous guide,
STREET NAME SIGNS, TRAFFIC SIGNS, AND RESERVED PARKING (HANDICAP
PARKING)
SIGNS, SPK-2F, dated May 1985, and is for use in the preparation of project
specifications.

TEXT REVISION
Para 1

NOTE: A-E's should read all the TECHNICAL NOTES located at the beginning of this guide specification and edit the specification accordingly.

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GENERAL NOTES

1. This guide specification is to be used in the preparation of contract specifications in accordance with the Sacramento District Specification Manual. It will not be made a part of a contract merely by reference; pertinent portions will be copied verbatim into the contract documents.
2. Where numbers, symbols, words, phrases, clauses, or sentences in this specification are enclosed in the following manner: [], a choice or modification must be made; delete inapplicable portion(s) carefully. Where blank spaces occur in sentences, insert the appropriate data. Where entire paragraphs are not applicable, they should be deleted completely.

TECHNICAL NOTES

- A. This guide specification is intended for use where street name signs, traffic signs, and reserved parking (handicap parking) signs are required.
- B. The section number will be inserted in the specification heading and prefixed to each page number in project specifications.
- D. Paragraph 1: The listed designations for publications are those that were in effect when this guide specification was being prepared. These designations are updated when necessary by District Instruction, and references in project specifications need be no later than in the current District Instruction for this guide specification. To minimize the possibility of error, the letter suffixes, amendments, and dates indicating specific issues should be retained in Paragraph 1 and omitted elsewhere in the project specification.
- E. Paragraph 2.1: Street name plates for projects located in Arizona shall be .125 inch thick new sheet aluminum of 6016-T6 or 5052-H38. Street name plates for projects located in California shall be of .063 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Street name plates located in Nevada shall be of .125 inch thick new sheet aluminum of 6061-T6 or 5155-H36. Street name plates for projects located in Utah shall be of .080 inch thick new sheet of 6061-T6 or 5/8 inch thick high density plywood. See Standard Detail S-9, page 121, Standard Details

for Utilities, Foundations, Paving, and Railroads for street name sign details.

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- F. Paragraph 3.1: Stop signs for projects located in Arizona shall be .125 inch new sheet aluminum of 6061-T6 or 5052-H38. Stop signs for projects located in California shall be .063 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Stop signs for projects located in Nevada shall be .125 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Stop signs for projects located in Utah shall be of .080 inch thick new sheet aluminum of 6061-T6 or 5/8 inch thick high density plywood. See Standard Detail S-9, page 121, Standard Details for Utilities, Foundations, Paving, and Railroads for Stop Sign details.
- G. Paragraph 3.2: Traffic signs for projects located in Arizona shall be .125 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Traffic signs for projects located in California shall be .063 inch thick new sheet aluminum 5052-H38 or 6061-T6 for signs less than 48 inches in their largest dimension, and .080 inch thick new sheet aluminum 5052-H38 or 6061-T6 for signs 48 inches in their largest dimension or larger. Traffic signs for projects located in Nevada shall be .125 inch thick new sheet aluminum of 6061-T6 or 5155-H36. Traffic signs for projects located in Utah shall be .080 inch new sheet aluminum of 6061-T6 for signs up to and including 9-square feet in area or .125 inch new sheet aluminum of 6061-T6 for signs over 9 square feet or 5/8 inch thick high density plywood.
- H. Paragraph 4.1: Reserved Parking Signs for projects located in Arizona shall be of .125 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Reserved parking signs for projects located in California shall be of .063 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Reserved parking signs for projects located in Nevada shall be of .125 inch thick new sheet aluminum of 6061-T6 or 5052-H38. Reserved parking signs for projects located in Utah shall be of .080 inch thick new sheet aluminum of 6061-T6 or 5/8 inch thick high density plywood. See Standard Detail S-9, page 121, Standard Details for Utilities, Foundations, Paving, and Railroads, for Reserved Parking Sign details.

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SECTION 02452

STREET NAME SIGNS, TRAFFIC SIGNS, AND RESERVED PARKING (HANDICAP PARKING) SIGNS

1. APPLICABLE PUBLICATIONS: The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

1.1 U.S. Department of Transportation, Federal Highway Administration:

ANSI-D 6.1 Manual on Uniform Traffic Control Devices for Streets
and Highways
Standard Highway Signs
Standard Alphabets for Highway Signs and Pavement Markings

1.2 American Society for Testing and Materials (ASTM) Publication:

B 209 Specification for Aluminum and Aluminum Alloy Sheet and Plate

1.3 State of Arizona, Department of Transportation, Division of Highways:

Standard Drawings
Standard Specifications

1.4 State of California, Department of Transportation, Division of Highways
(CALTRANS Publications:

Standard Plans
Standard Specifications
Traffic Manual

1.5 State of Nevada, Department of Transportation Publications:

Standard Drawings
Standard Specifications

1.6 Utah Department of Transportation Publications:

Standard Drawings
Standard Specifications

2. STREET NAME SIGNS:

2.1 Street name plates shall be 8-inches high and a minimum of 24 inches long, to fit name plate brackets if such be required due to the construction of the sign posts. Name plates shall be a minimum of [.063] [.080] [.125] inch thick new sheet aluminum of [6061-T6] [or] [5052-H38] [5155-H36] [or shall be fabricated of 5/8 inch thick modified 90/90 high density plywood]. Letters and other legend shall be white, reflectorized, on a reflectorized green background, with the street name letters being at least 4-inches high and supplementary legend being at least 3 inches high. Reflective sheeting

for legend and background shall be that manufactured or marketed by the following firms: 3M, American Decal, or Mitsubishi Corp., or approved equal. Street name signs shall conform to Street Name Sign D-3 of the Manual on Uniform Traffic Control devices.

3. TRAFFIC SIGNS:

3.1 Stop signs shall be 30-inches across and shall be a minimum of [.063] [.080] [.125] inch thick new sheet metal of [6061-T6] [or] [5155-H36] [or] [5052-H38] [or shall be fabricated of 5/8-inch thick modified 90/90 high density plywood]. Legend shall be 10-inches high, reflectorized white on a reflectorized red background and signs shall have a reflectorized white border. Reflective sheeting for legend and background shall be that manufactured or marketed by the following firms: 3M, American Decal, or Mitsubishi Corp., or approved equal. Stop signs shall conform to Sign R1-1 of the Manual on Uniform Traffic Control Devices.

3.2 Other traffic signs shall be of the same backing material as stop signs, with reflectorized background and silk-screened legend, symbols, and border for signs with black legend, symbols, and border, and reflectorized background and reflectorized legend, symbols and border for signs with red or white legend, symbols and border. Sign sizes, legend, symbols and border shall conform to the Manual on Uniform Traffic Control Devices. Reflective sheeting for background and legend shall be that manufactured or marketed by the following firms: 3M, American Decal, or Mitsubishi Corp., or approved equal.

4. RESERVED PARKING (HANDICAP PARKING) SIGNS:

4.1 Reserved parking signs shall be 18-inches high and 12-inches wide of [.063] [.080] [.125] inch thick new sheet aluminum of [6061-T6] [or] [5155-H36] [or] [5052-H38] [or shall be fabricated of 5/8 inch thick modified 90/90 high density plywood]. Legend and border shall be green, with 2-inch high letters. White symbol shall be 4-inches high on a 6- inch square blue background. The major sign background shall be white.

5. SIGN POSTS, SUPPORTS AND FOUNDATIONS FOR STREET NAME AND TRAFFIC SIGNS:

5.1 Sign posts, supports and foundations for street name and traffic signs shall be in conformance with [State of Arizona, Department of Transportation, Division of Highways Standard Drawings and Standard Specifications] [State of

California, Department of Transportation, Division of Highways Standard Plans and Standard Specifications.] [State of Nevada Department of Transportation, Standard Drawings and Standard Specifications.] [Utah Department of Transportation, Standard Drawings and Standard Specifications.] Sign posts, mountings and foundations shall be shown on the plans, in conformance with the Manual on Uniform Traffic Control Devices and by the Department of Transportation of the State of [Arizona.] [California.] [Nevada.] [Utah.]

6. SIGN POSTS AND FOUNDATIONS FOR RESERVED PARKING (HANDICAP PARKING) SIGNS:

6.1 Sign posts and foundations for reserved parking signs shall be in conformance with [State of Arizona, Department of Transportation, Division of Highways Standard Drawings and Standard Specifications.] [State of California, Department of Transportation, Division of Highways Standard Plans and Standard Specifications.] [State of Nevada Department of Transportation, Standard Drawings and Standard Specifications.] [Utah Department of Transportation, Standard Drawings and Standard Specifications.] Signposts, mountings, and foundations shall be shown on the [plans] [drawings] in conformance with the aforementioned drawings and specifications.

7. CONSTRUCTION QUALITY CONTROL: Attention is directed to SECTION: CONSTRUCTION QUALITY CONTROL which requires the Contractor to perform quality control inspection, testing, and reporting.

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- REMINDER -

Located at the front of these specifications are the Contract Clauses, Special Clauses and Division I GENERAL REQUIREMENTS of the Technical Specifications, which apply to every aspect of this contract including the work in this section whether performed by Prime Contractor, subcontractor, or supplier.